

- N.E. Sub E1
3. The method of claim 1, further comprising:
compositing the layers of the artwork; and
converting the area and the action to a target output format.
4. The method of claim 3, wherein:
the target output format is HTML (HyperText Markup Language).

- Sub E2 D2
5. (Amended twice) A computer program, tangibly stored on a computer-readable medium, comprising instructions for causing a computer to:
receive an electronic artwork having a plurality of layers, each layer having transparency information defining one or more non-transparent regions in the layer in a transparent frame;
receive from a user an input selecting one of the plurality of layers;
for the selected layer of the artwork, define an area based on a boundary of the one or more non-transparent regions in combination; and
assign an action to the area, the action defining a function that will be activated when the area is selected.

- Sub E2 D3
6. (Amended) The computer program of claim 5, further comprising instructions to:
convert the non-transparent region into a perimeter boundary path; and
fit a user-selected shape to the perimeter boundary path, wherein the shape defines the area.

- N.E. Sub E2
7. The computer program of claim 5, further comprising instructions to:
composite the layers of the artwork; and
convert the area and the action to a target output format.
8. The computer program of claim 7, wherein the target output format for the area and the action is HTML.

N.E. sub 627
9. The computer program of claim 8, further comprising instructions to:

write out the composited artwork as an image file and write out an HTML file containing an image map for the area and a URL for the action, the HTML file referring to the image file.

10. Cancel.

D4 sub 637
12. (Amended twice) The method of claim 1, further comprising:

conforming the area automatically to content of the selected layer when the electronic artwork is edited.

D5
13 (Amended) In a graphics application that supports dynamic content in layers, the method of claim 1, further comprising:

calculating any dynamic content for the selected layer before the area is defined.

D6 sub 647
15. (Amended) The method of claim 1, wherein:

the selected layer has two or more non-contiguous non-transparent regions in a transparent frame; and

the area is defined based on the boundary of the non-transparent regions in combination.

16. The method of claim 15, further comprising:

generating multiple image maps from the non-transparent regions.

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17. The method of claim 1, wherein:

any holes within the region are ignored.

18. The method of claim 1, wherein:

separate regions having no holes are created if the region has holes; and

the separate regions in combination contribute to the definition of the area.

19. Cancel.

20. The computer program of claim 5, further comprising instructions for causing a computer to:
associate the area and the action with the selected layer as a property of the selected
layer.

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21. The computer program of claim 20, further comprising instructions for causing a computer
to:
conform the area automatically to the content of the selected layer when the electronic
artwork is edited.

D7
22. (Amended) The computer program of claim 5, further comprising instructions for causing a
computer to:
calculate any dynamic content for the selected layer before the area is defined.

23. Cancel.

D8 Sub
EU
24. (Amended) The computer program of claim 5, wherein:
the layer has two or more non-contiguous non-transparent regions in a transparent frame;
and
the area is defined based on the boundary of the non-transparent regions in combination.

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25. The computer program of claim 24, further comprising instructions for causing a computer
to:
generate multiple image maps from the non-transparent regions.

26. The computer program of claim 5, wherein:
any holes within the region are ignored.

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27. The computer program of claim 5, wherein:

separate regions having no holes are created if the region has holes; and
the separate regions in combination contribute to the definition of the area.

D 9 sub 86
28. (Amended) The method of claim 1, wherein:

defining the area comprises converting each non-transparent region to a perimeter boundary path and fitting a user-selected shape to the perimeter boundary path, wherein the shape defines the area.

D 10
29. (New) The method of claim 3, further comprising:

outputting the composited artwork as an image file; and
outputting an HTML file including an image map for the area and a URL for the action.

30. (New) The computer program of claim 5, wherein the action is a URL (Uniform Resource Locator).